IN THE CLAIMS:

1. (Currently Amended) A throttle control device comprising:

a throttle body;

an intake passage, a first space, and a second space, defined in the throttle body;

a throttle valve rotatably arranged within the intake passage; and

a motor arranged and constructed to rotate the throttle valve, the motor being accommodated in the first space,

wherein the motor has a lateral surface, and the second space communicates with the first space in a position opposing an outer side surface of the motor so that the second space opposes the lateral surface of the motor

~~wherein the second space communicates with the first space~~, and the second space is adjacent to the intake passage through a wall portion so that heat generated in the motor is dissipated into the intake passage via the second space and the wall portion.

2. (Original) A throttle control device according to claim 1, wherein the wall portion is situated in close vicinity to the throttle valve.

3. (Original) A throttle control device according to claim 2, wherein the wall portion includes a section in close vicinity to or in contact with an outer peripheral edge of the throttle valve when the throttle valve is in a fully closed position.

4. (Original) A throttle control device according to claim 1, wherein the throttle body has a main body forming the intake passage, and a motor housing forming the first space, and wherein the wall portion constitutes a part of the main body.

5. (Original) A throttle control device according to claim 3, wherein the second space is
formed inside the motor housing.

6. (Original) A throttle control device according to claim 3, wherein the throttle control device further includes a throttle shaft to which the throttle valve is mounted, and the main body has bearing portions rotatably supporting the throttle shaft, with an outer surface of one of the bearing portions constituting a part of a wall surface of the second space.

7. (Original) A throttle control device according to claim 4, wherein the throttle control device further includes a throttle shaft to which the throttle valve is mounted, and the main body has bearing portions rotatably supporting the throttle shaft, with an outer surface of one of the bearing portions constituting a part of a wall surface of the second space.

8. (Original) A throttle control device according to claim 5, wherein the throttle control device further includes a throttle shaft to which the throttle valve is mounted, and the main body has bearing portions rotatably supporting the throttle shaft, with

an outer surface of one of the bearing portions constituting a part of a wall surface of the second space.

9. (Currently Amended) A throttle control device comprising:

a throttle body;

an intake passage, a first space , and a second space, defined in the throttle body;

a throttle valve rotatably arranged within the intake passage; and

a motor arranged and constructed to rotate the throttle valve, the motor being accommodated in the first space,

wherein the motor has a lateral surface, and the second space communicates with the first space in a position opposing an outer side surface of the motor so that the second space opposes the lateral surface of the motor

~~wherein the second space communicates with the first space~~, and the second space is adjacent to the intake passage through a wall portion so that heat generated in the motor is dissipated into the intake passage by way of the second space and the wall portion,

wherein the wall portion is formed integrally with the throttle body.

10. (Original) A throttle control device according to claim 9, wherein the wall portion is situated in close vicinity to the throttle valve.

11. (Original) A throttle control device according to claim 10, wherein the wall

portion includes a section in close vicinity to or in contact with an outer peripheral edge of the throttle valve when the throttle valve is in a fully closed position.

12. (Original) A throttle control device according to claim 9, wherein the throttle body has a main body forming the intake passage, and a motor housing forming the first space, and wherein the wall portion constitutes a part of the main body.

13. (Original) A throttle control device according to claim 11, wherein the second space is formed inside the motor housing.

14. (Original) A throttle control device according claim 11, wherein the throttle control device further includes a throttle shaft to which the throttle valve is mounted, and the main body has bearing portions rotatably supporting the throttle shaft, with an outer surface of one of the bearing portions constituting a part of a wall surface of the second space.

15. (Original) A throttle control device according claim 12, wherein the throttle control device further includes a throttle shaft to which the throttle valve is mounted, and the main body has bearing portions rotatably supporting the throttle shaft, with an outer surface of one of the bearing portions constituting a part of a wall surface of the second space.

16. (Original) A throttle control device according claim 13, wherein the throttle

control device further includes a throttle shaft to which the throttle valve is mounted, and the main body has bearing portions rotatably supporting the throttle shaft, with an outer surface of one of the bearing portions constituting a part of a wall surface of the second space.

17. (Currently Amended) A throttle control device comprising:

a throttle body;

an intake passage, a first space, and a second space, defined in the throttle body;

a throttle valve rotatably arranged within the intake passage; and

a motor arranged and constructed to rotate the throttle valve, the motor being accommodated in the first space,

wherein the motor has a lateral surface, and the second space communicates with the first space in a position opposing an outer side surface of the motor so that the second space opposes the lateral surface of the motor

~~wherein the second space communicates with the first space~~, and the second space is adjacent to the intake passage through a wall portion so that heat generated in the motor is dissipated into the intake passage via the second space and the wall portion,

wherein the second space directly faces an outer surface of the motor.

18. (Original) A throttle control device according to claim 17, wherein the wall portion is situated in close vicinity to the throttle valve.

19. (Original) A throttle control device according to claim 18, wherein the wall portion includes a section in close vicinity to or in contact with an outer peripheral edge of the throttle valve when the throttle valve is in a fully closed position.

20. (Original) A throttle control device according to claim 17, wherein the throttle body has a main body forming the intake passage, and a motor housing forming the first space, and wherein the wall portion constitutes a part of the main body.

21. (Original) A throttle control device according to claim 19, wherein the second space is formed inside the motor housing.

22. (Original) A throttle control device according claim 19, wherein the throttle control device further includes a throttle shaft to which the throttle valve is mounted, and the main body has bearing portions rotatably supporting the throttle shaft, with an outer surface of one of the bearing portions constituting a part of a wall surface of the second space.

23. (Original) A throttle control device according claim 20, wherein the throttle control device further includes a throttle shaft to which the throttle valve is mounted, and the main body has bearing portions rotatably supporting the throttle shaft, with an outer surface of one of the bearing portions constituting a part of a wall surface of the second space.

24. (Original) A throttle control device according claim 21, wherein the throttle control device further includes a throttle shaft to which the throttle valve is mounted, and the main body has bearing portions rotatably supporting the throttle shaft, with an outer surface of one of the bearing portions constituting a part of a wall surface of the second space.

25. (Original) A throttle control device according to claim 20, wherein the main body and the motor housing are formed integrally with each other.

26. (Original) A throttle control device according to claim 21, wherein the main body and the motor housing are formed integrally with each other.

27. (Original) A throttle control device according to claim 22, wherein the main body and the motor housing are formed integrally with each other.

28. (Original) A throttle control device according to claim 23, wherein the main body and the motor housing are formed integrally with each other.

29. (Original) A throttle control device according to claim 24, wherein the main body and the motor housing are formed integrally with each other.